

November 21, 2005 **RE-ISSUED MARCH 11, 2009**

FRANCIS MELVIN INC.
JOE BALCIAR
1022 E SPRUCE ST
PO BOX 646
ABBOTSFORD WI 54405

Re: Description: SEWAGE TANKS, CONCRETE
Manufacturer: FRANCIS MELVIN INC.
Product Name: SEPTIC/SEPTIC, SEPTIC/PUMP OR HOLDING
Model Number(s): 1000/500
(45.0" L.L., 23.0/11.1 GAL/IN., 72" MAX. DEPTH OF BURY, 735 G.P.D. WHEN USED AS A SEPTIC/SEPTIC TANK OR 496 G.P.D. WHEN USED AS A SEPTIC/PUMP TANK BASED ON A 3 YR. SERVICE INTERVAL FOR RESIDENTIAL WASTEWATER)
Product File No: 20050837

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters Comm 82 through 84, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an approval based on the Wisconsin Statutes and the Wisconsin Administrative Code. **This approval is valid until the end of December 2010.**

This approval is contingent upon compliance with the following stipulation(s):

- This product is approved to use the following:
 - Cast-A-Seal by Press Seal Gasket Corp. and A-Lok X-Cel by A-Lok Products, Inc.
 - Pipe materials constructed in conformance with Table 84.30-2 or 84.30-11, Wis. Admin. Code poured into tank cover, tank wall or access cover.
 - Department approved effluent filter installed in accordance with the product approval for the filter including a properly sized and located access opening for service and maintenance.
 - Two inch schedule 40 PVC cast in riser for electrical wiring.
 - Interior wall with minimum open area of 30 x 24 inches near bottom of wall for septic, holding and pump tanks.
 - Bottom and side pipe openings for pump and holding tanks.
- **Optional risers include: 24 in. diameter concrete riser, EZ Set plastic riser or Tuf-Tite plastic riser; concrete riser has 4 in. PVC schedule 40 coupling to connect to schedule 40 PVC pipe installed by plumber on the job site.**
- This tank must be designed to withstand the pressures to which it will be subjected.
- The manufacturer must keep at the manufacturing plant a set of plans and specifications bearing the department's stamp of approval. The plans and specifications must be open to inspection by an authorized representative of the department.
- When this product has an effluent filter installed in an interior wall, the space between the top of the interior wall and bottom of the tank cover must be sealed with a material that will withstand the environment in the tank and in a manor that will prevent waste from passing over the interior wall.

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- When this product receives wastewater from dwellings and is used as a septic tank, it will produce an effluent quality with a maximum monthly average value for BOD5 of greater than 30 mg/L and less than or equal to 220 mg/L TSS, or greater than 30 mg/L or less than or equal to 150 mg/L TSS, and F.O.G. of less than 30 mg/L.
- **Additional stipulations are included as attachment(s) to this letter; see attachment A.**

This approval supersedes the approval issued on 11/21/2005 under product file number 20050837.

This approval letter shall be incorporated with your previously approved plans and/or specifications approved under product file number 20050837.

As of May 15, 2008, a copy of a successful water tightness test report for this product must be AVAILABLE FOR INSPECTION AT THE MANUFACTURER'S PLANT prior to this product being used as a POWTS holding or treatment tank in Wisconsin.

NOTE: New customer contact.

The department is in no way endorsing this product or any advertising, and is not responsible for any situation which may result from its use.

Sincerely,

Jean M. MacCubbin, CST
Engineering Consultant--Plumbing Product Reviewer
Commerce; Safety & Buildings Div.
PO Box 2658
201 W Washington Ave.
Madison WI 53703-2658
Phone: 608-266-0955; Fax: 608-283-7456
E-mail: Jean.MacCubbin@wisconsin.gov